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(54) **SPINAL IMPLANT**

(56) **References Cited**

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See application file for complete search history.

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(57)

**ABSTRACT**

A spinal implant includes a first rolling-contact core operably coupled to a first vertebra, said first rolling-contact core having a first convex surface having a first axis, said first convex surface configured to provide a first rolling motion in a first direction to said first vertebra relative to a second vertebra. At least one flexure is connected to said first rolling-contact core, said flexure configured to constrain said first rolling motion.

**31 Claims, 13 Drawing Sheets**

